

19980606.qrp v01_n114.qrs.980606

Date: Sat, 6 Jun 1998 19:03:15 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1114

QRP-L Digest 1114

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- 2) [12439] The Micamold in the CQ Calendar
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- 3) [12440] K2 Transceiver at Norcal Meeting this Sunday
by "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
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by "Wayne Smith" <k8ff@en.com>
- 18) [12455] WTB: 30 mtr band module for the Sierra
by msparkes@juno.com (Michael S Parkes)
- 19) [12456] Re: The Knights of SMiTe in Baltimore

- by Chris Trask <ctrask@primenet.com>
- 20) [12457] QRP ARCI TAC contest
by Bruce Grubbs <bog@flagstaff.az.us>
- 21) [12458] Re: NORCAL ZOMBIE Badges!
by Jeff Grudin <grudin@pacific.vdbs.com>
- 22) [12459] Next Weekend--Perfect for a VHF Caper!
by "Russ Carpenter" <russ@natworld.com>
- 23) [12460] Hear Ye Hear Ye !!
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- 24) [12461] Dxpedition to look for QRPers
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 25) [12462] RE: newbie needs elmer
by Tracy@bytemark.com (Tracy)
- 26) [12463] Copper clad board
by Dale Botkin <dbotkin@probe.net>
- 27) [12464] Re: Mystery Toroid?
by Chuck Carpenter <w5usj@webwide.net>
- 28) [12465] Re: [50MHz] QSY Protocols
by "Rud Merriam" <rmerriam@csi.com>
- 29) [12466] Re: Hear Ye Hear Ye !!
by DENNISMO@aol.com
- 30) [12467] Re: Hear Ye Hear Ye !!
by "Alan Slusher" <aslusher@erols.com>
- 31) [12468] Dallas HamCom scene
by MNHopkins@aol.com
- 32) [12469] FW: Feeding Beam with balanced feedline??
by Tracy@bytemark.com (Tracy)
- 33) [12470] Report on Grand Canyon Expedition
by Armstrongs <barmstrong@mail.SISNA.com>
- 34) [12471] Re: Hear Ye Hear Ye !!
by DENNISMO@aol.com
- 35) [12472] Re: Next Weekend--Perfect for a VHF Caper!
by Bob Edwards <w4ed@flash.net>
- 36) [12473] Requested posting
by "V.C. Angell" <angell@northernnet.com>
- 37) [12474] AL7FS TAC
by "Jim Larsen (AL7FS)" <larsennc@alaska.net>
- 38) [12475] Morse Express
by "Marshall Emm" <mgemm@mtechnologies.com>
- 39) [12476] NorCal's June Meeting Announcement
by Jerry Parker <jparker@fix.net>
- 40) [12477] The NorCal Toon (Zombie) Contest!
by Jerry Parker <jparker@fix.net>
- 41) [12478] FS: LDG QRP Auto-Tuner
by Phil Rutledge <rut@mcrut.mv.com>
- 42) [12479] High Gang
by jdenison@morelr.com (JOEL DENISON)
- 43) [12480] Ham Comm

by ac5ez@webtv.net (Larry B)
44) [12481] TAC Contest
by n4js@pobox.com

Date: Fri, 5 Jun 1998 23:13:19 +0000
From: "Lageson's" <LAGESON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [12438] Feeding Beam with balanced feedline??
Message-ID: <19980605231319.DBZX22706@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

When I put up my 3 element tri-band beam I made a promise to my wife that all the wire antennas would come down. Great antenna but I miss the WARC bands. I've been surprised how well I can load it with a tuner on 12, 17 and especially 30 meters with good results. I have read an article where someone used twinlead with a quad and was able to use it on all bands. My beam is a old TA-33 (I believe, the seller was not sure) and the driven element is center fed like a dipole. What would happen if I replaced the coax with 300 or 450 ohm twinlead and a tuner?

Thanks

Date: Fri, 05 Jun 1998 19:15:02 -0400
From: john <johnmb@mindspring.com>
To: <rohre@arlut.utexas.edu>, qrp-1@Lehigh.EDU
Subject: [12439] The Micamold in the CQ Calendar
Message-ID: <199806052316.TAA17752@camel7.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Stewart gave a very accurate description of the Micamold rig that's in the CQ Calendar....I know because it's mine and it's about 6 feet away from me as I type this. While my photographic skills aren't even close to that of Joe Veras', who produces the calendar for CQ, you can see a picture of my XTR-1 at my BA website at:

<http://www.mindspring.com/~johnmb/johnb.htm>

Joe did a great job with the photography, but munged my callsign a tad bit...

Thanks for the kind words for my "canoe anchor"

Best
/John

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
+-----

Date: Fri, 05 Jun 1998 16:20:28 -0700
From: "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [12440] K2 Transceiver at Norcal Meeting thsi Sunday
Message-ID: <35787D3C.664AB069@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I'll be at the NorCal QRP meeting at the California Burger in Livermore this Sunday with my painted K2. (If I survive the mob I'll even put it on the air....)

72, Eric

<http://www.elecraft.com>

Date: Fri, 5 Jun 1998 19:31:09 -0700
From: "Scott A. Thomas" <n1st@ntplx.net>
To: <qrp-l@Lehigh.EDU>
Subject: [12441] For Sale: OHR 400 Unbuilt 4 Band Kit
Message-ID: <000601bd90f3\$2afe3f40\$56828282@8606278227>
MIME-Version: 1.0
Content-Type: multipart/mixed;
 boundary="-----_NextPart_000_0007_01BD90B8.7E9F6740"

This is a multi-part message in MIME format.

-----=_NextPart_000_0007_01BD90B8.7E9F6740

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Best reasonable offer takes it.

N1ST

Scott T.

-----=_NextPart_000_0007_01BD90B8.7E9F6740

Content-Type: application/ms-tnef;

name="winmail.dat"

Content-Transfer-Encoding: base64

Content-Disposition: attachment;

filename="winmail.dat"

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-----=_NextPart_000_0007_01BD90B8.7E9F6740--

Date: Fri, 05 Jun 1998 16:44:59 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: LAGESON@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12442] Re: Feeding Beam with balanced feedline??
Message-ID: <357882FB.CC3E024C@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lageson's wrote:

> My
> beam is a old TA-33 (I believe, the seller was not sure) and the driven
> element is center fed like a dipole. What would happen if I replaced the
> coax with 300 or 450 ohm twinlead and a tuner?

It would work about as well on the warc bands as a rotatable dipole at the same height. But I would be careful about giving it too much power -- I suppose it's possible that you might damage the traps with QRO.

Vic, K2VC0

Date: Fri, 05 Jun 1998 19:47:55 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>, QRP-L <QRP-L@Lehigh.EDU>
Subject: [12443] KL Field Day Update
Message-ID: <357883AB.28233816@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

It looks like the KnightLites will have a nice turnout for FD this year. Some folks will be dropping by for a visit, while others plan on making it a weekend event.

The following folks hope to participate so far:

| | | | |
|--------|-------|-------------|----|
| WJ4P | Randy | Charleston, | SC |
| WA4NID | Dave | Durham, | NC |

| | | | |
|--------|--------|-----------------|----|
| AE4IC | Bob | Greensboro, | NC |
| WF4I | Derek | Greensboro, | NC |
| KF4EIB | Gordon | Greensboro, | NC |
| W4WDN | Lyn | Willow Springs, | NC |
| KC4ADW | Dwayne | Fuquay-Varina, | NC |
| KF4URE | Monica | Fuquay-Varina, | NC |
| AB4PP | J.P. | Raleigh, | NC |
| AA4XX | Paul | Raleigh, | NC |

We've got plenty of room on the farm. You can spend some time petting the horses (how about barn duty??) or fishing at a pond just a short walk through the woods. There's also plenty of shade, so bring a cooler and a lawnchair plus your favorite food and we'll throw it on the grill.

As for operating, we'll have a novice tech station as well as at least three other stations, so we can let all who want to operate have as much time at the key as they wish. We may run a SSB station, too, if there is interest in that. Sir Dave is planning on bringing a digital station, so we can get a taste of the popular HF/VHF digital modes. We will have some BIG antennas for our little radios! Also, John Paul promises to run riot control for us with his squad car should things get too out of hand.

The FD site is located at the farm of AA4XX, approximately 12 miles south of Raleigh and six miles north of Fuquay-Varina, NC, off highway 401. Full travel details will be posted soon.

The KnightLite's invite anyone interested in FD to join us.

72 es Happy FD to all,
Paul Stroud AA4XX (919) 779-1637

Date: Fri, 5 Jun 1998 21:39:12 +0000
 From: "Gary Nye" <gcnye@mail.bright.net>
 To: qrp-1@Lehigh.EDU
 Subject: [12444] TS-940?
 Message-ID: <199806060137.VAA13370@sparticus.bright.net>
 MIME-Version: 1.0
 Content-type: text/plain; charset=US-ASCII
 Content-transfer-encoding: 7BIT

Is anyone using a Kenwood TS-940 for QRP? I would be interested in any comments on using the rig for low power CW operation. AES has several. Does anyone on the list have one they would like to part

with?

tnx/72,
Gary

=====
Gary Nye WD8KQY gcnyc@bright.net
Tiffin, OH
QRP-ARCI #5705 QRP-L #446 NORCAL #2330 ARS #204
=====

Date: Fri, 05 Jun 1998 22:09:25 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: qrp-1@Lehigh.EDU
Subject: [12445] TAC list for your reference
Message-ID: <3578A4D5.1E4B@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hope I'm able to get on for the contest tomorrow! If I copy your fb
milliwatt signal, I'll be sending you a "519 519" report :>)

You can get a complete area code list at:
<http://www.555-1212.com:80/maazdocs/aclookup/acbynum.dbm>
If anyone wants a text copy, let me know

Have a good weekend! Vy 73 de JC

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Fri, 5 Jun 1998 22:39:28 -0400
From: gary_oneil@juno.com (Gary E. O'Neil)
To: KLQRP@waterw.com, qrp-1@Lehigh.EDU
Subject: [12446] The Knights of SMiTe in Baltimore
Message-ID: <19980605.223930.11270.0.Gary_Oneil@juno.com>

Hear ye! Hear ye!

Coming to Baltimore for a limited time only... The Knights of SMiTe...

That's right!!! The KnightSMiTe designers Sir Gary (N3G0) along with Sir Surface Mount Dr. Todd (KB0HQU) will be appearing among the crowd at the MTT show at the Baltimore Convention Center Tuesday and Wednesday June 9 and 10.

All are welcome to break bread and sip ale with us Tuesday evening in the vicinity of Baltimore's Inner Harbor... Mark your calendars and get your tickets early. Alternatively, bring your QRP show and tell goodies and get addmitted free :-)

Time and exact location to be announced (probably Monday) here on the Net, and on 16/76 when I arrive in Baltimore Monday evening. Hope to see many of our Knorthern Knights.

Details at 11 :-)

72

Gary, N3G0

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Date: Fri, 05 Jun 1998 22:59:33 -0400
From: Ed Tanton <n4xy@att.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [12447] SG-2020 7.052 or 7.018 NOW
Message-ID: <3.0.5.32.19980605225933.00bca100@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am on at ~ 22:55 EDST on either 7052 or 7018... works great... sounds great... 1st QSO was F6 on 20M (pardon the expression:) SSB. Got a 5x5. Now for real radio...

73

Ed Tanton N4XY EMAIL: n4xy@att.net

189 Pioneer Trail

Marietta, GA 30068-3466

TEL: (770)579-3933 V/MBX/FAX

INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

Date: Fri, 5 Jun 1998 23:22:28 -0400
From: "John J. McDonough" <jjmcd@mdn.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [12448] Re: SG-2020 7.052 or 7.018 NOW
Message-ID: <199806060410.3720500@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Ed Tanton <n4xy@att.net>; owner-qrp-1@Lehigh.EDU
>
> 1st QSO was F6 on 20M (pardon the expression:) SSB.

Please! There are youngsters reading this reflector.

72/73 de WB8RCR

Date: Fri, 5 Jun 1998 22:19:15 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [12449] WTB WM-2 Wattmeter, Trade 80 mtr rig. qrp babbling.
Message-ID: <199806060319.WAA28651@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,

I would like to find an Oak Hills WM-2 Watt meter or similar. Also have a S&S engineering TAC-1 for 80 meters that will soon be back from S&S after Factory alignment. Trades welcome. I trade for fun.

Let me know if you want the TAC-1. Could use some keyer Paddles here at WB0WQS

BTW, I have been working on a Norcal 40A that I bought at Dayton. Just about to wind the baluns.. arrrggg. But so far, it has gone well. Let you all know when I apply power. I also bought one of Steve Weber's Keyer kits. Also did some horse trading and got a QRP++ and Companion. Neat little setup, I have always wanted one of these neat rigs. Seems too nice to take to the field. See you on the bands this weekend.

72,

Kelly Ellison
WB0WQS
Aurora, Missouri

Date: Fri, 5 Jun 1998 20:10:22 -0700
From: donroher@juno.com (DONALD I ROHER)
To: tbradbur@charlotte.infi.net
Cc: qrp-1@Lehigh.EDU
Subject: [12450] Re: Ten Tec QRP rigs
Message-ID: <19980605.202949.9734.0.DONROHER@juno.com>

YES, THE 40 MTR VERSION. IT GOES TOGETHER EASY BUT WATCH OUT.....

IT IS EASY TO CONFUSE THE STEP NUMBER WITH A COMPONENT NUMBER.

THE 0 OHM SHORT IS PUT IN A SPOT THAT WOULD LEAD YOU LATER TO THINK AN INDUCTOR BELONGS THERE AND IS MENTIONED IN A LATER STEP AS TO INSTALL A SECOND TIME.

WHEN YOU INSTALL THE XTALS LEAVE A SMALL SPACE BETWEEN THEM AND THE BOARD.

I FOUND ALL PARTS EXCEPT THE BIFILER ORANGE AND GREEN WIRE.

I HAVE WORKED SEVERAL OF THESE RADIOS ON THE AIR AND THEY ALL SOUND LIKE TEN-TECS....

On Tue, 02 Jun 1998 21:14:30 -0400 Tom Bradbury
<tbradbur@charlotte.infi.net> writes:
>Has anyone built/used the new Ten Tec QRP rigs? Is there a review

>around?
>Tom, NU4G
>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 5 Jun 1998 20:46:55 -0700
From: donroher@juno.com (DONALD I ROHER)
To: kanga@bright.net
Cc: qrp-1@Lehigh.EDU
Subject: [12451] Re: 6 Pack Info and availability
Message-ID: <19980605.204704.9734.1.DONROHER@juno.com>

RECEIVED... NICE WAY TO MAIL YOUR KITS, I WAS IMPRESSED WITH THE FAST
SERVICE AND THE PACKAGING.

THE SIX PACK IS A GREAT IDEA, VERY NICE BOARDS, WITH LOTS OF ROOM, IDEAL
FOR BEGINNERS. LOTS OF ROOM PREVENTS SOLDER BRIDGES....

THE LITTLE XMTR IS AN IMPRESSIVE CIRCUIT. MY GRANDSON CAN'T WAIT TO START
PLUGGING PARTS.

THE ONLY SUGGESTION I HAVE IS A VFO FOR THE RECEIVER.

AND THANKS FOR THE CATALOG..... WILL YOU TAKE ORDER OVER THE
NET...

On Sat, 30 May 1998 12:53:55 -5 "Bill Kelsey - N8ET - Kanga US"

<kanga@bright.net> writes:

>I had a few requests for more info on the "6 Pack" I mentioned on the
>list the other day. I still have a few that are not spoken for, so if
>you want one - get me a check for \$40 or a visa/MC number ASAP...

>

>The G3RJV 6 Pack is kit packet consisting of 6 kits in the packet:

>1 plug and play transmitter

>2. the Quick receiver

>3. An Instant SWR meter

>4. A diode probe

>5 An LED Voltage Monitor
>6. A crystal Checker
>
>The 6 pack contains a PC board with 6 boards that snap off - a board
>for each of the projects listed above. A bag of parts with the "on
>board" parts for each project, and 15 pages of documentation.
>
>All the projects are very simple, basic projects....
>
>The 6 Pack was described by G3 RJV at the ARCI FDI conference in
>Dayton a couple of weeks ago....
>
>73 - Bill - N8ET
>Kanga US
>kanga@mail.bright.net
><http://www.bright.net/~kanga/>
>419-423-4604
>
>

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Date: Sat, 06 Jun 1998 01:28:06 -0700
From: Dave Fifield <fifield@pacbell.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [12452] NORCAL ZOMBIE Badges!
Message-ID: <3578FD96.70B3@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

"Great minds think alike".....or is it "fools never differ"?..
for I too have had a bunch of Norcal Zombie badges/buttons (call
em what you like) made up for handing out at the Norcal meeting
this Sunday!

Mine are different to yours by the sound of it....mine are bright
yellow/orange with the Norcal logo in the center and NORCAL ZOMBIE
in large letters above and below! Likewise, these are going to be
free to Norcal members on a one each/must be present to receive it

basis at the Livermore swapmeet and Norcal meeting following that.

I gave a slack handful to Doug this lunchtime, so he'll be giving them out over there with you guys! I'll do you a swap, one of yours for one of mine? Send it back with Doug!

Folks, these will be more collectable than those Beanie Wotsits
- make sure you come along and get one! See you there.

72, Dave Fifield, AD6AY

Date: Sat, 6 Jun 1998 05:51:10 -0600
From: "Douglas L Datwyler" <datwyler@aros.net>
To: <qrp-l@Lehigh.EDU>
Subject: [12453] reprints of articles
Message-ID: <01bd9141\$65ab0350\$3619adcf@datwyler>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know of who to contact at CQ Magazine for reprints/copies of old articles??? I tried cqmagazine@aol.com with no success so far. I am looking for the copy of the article by YU2HL mentioned to be in the June 1983 issue.

TNX

Douglas L Datwyler WR70
datwyler@aros.net

Date: Sat, 6 Jun 1998 08:44:37 -0400
From: "Wayne Smith" <k8ff@en.com>
To: <qrp-l@Lehigh.EDU>
Subject: [12454] Dxpediton to look for QRPers
Message-ID: <199806061244.IAA08582@grover.en.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Cleveland, Ohio June 6,1998 AM-----Two local DXers John K8YSE and Bill

W8JGU left today for a two week DXpedition to the South Pacific. Their destinations are the two most recent additions to the DXCC countries list. They will operate from the Austral Islands beginning approximately June 9 and the following week from the Marquesas as well as a brief stop at Tahiti.

The goal of this operation is to provide both CW and RTTY contacts that were lacking in earlier operations. They have also indicated an interest in looking for QRP stations and will venture to standard QRP frequencies when time permits.

The equipment is first class and includes YAESU FT-900 transceivers, Force-12, Hexbeam, various wire antennas, Rtty/computer equipment and NORCAL/K8FF paddles. The operation will be from 40 thru 10 meters including the WARC bands.

John and Bill should provide some exciting contacts for QRPers over the next couple of weeks. All QSL's via K8OU

See you in the pileups! 72 de Wayne, K8FF

Date: Sat, 6 Jun 1998 06:49:17 -0700
From: msparkes@juno.com (Michael S Parkes)
To: qrp-1@Lehigh.EDU
Subject: [12455] WTB: 30 mtr band module for the Sierra
Message-ID: <19980606.064918.6670.0.msparkes@juno.com>

I am looking for a 30 mtr band module for the Sierra, built or unbuilt.
Thanks, Mike AB7RU

Michael S. Parkes AB7RU
msparkes@juno.com
26725 E Moffat Rd
Newman Lake, WA 99025

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 6 Jun 1998 06:30:31 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Gary E. O'Neil" <gary_oneil@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12456] Re: The Knights of SMiTe in Baltimore

Message-ID: <Pine.BSI.3.96.980606062919.16854A-100000@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 5 Jun 1998, Gary E. O'Neil wrote:

```
> Hear ye! Hear ye!
>
> Coming to Baltimore for a limited time only... The Knights of
> SMiTe...
>
> That's right!!! The KnightSMiTe designers Sir Gary (N3G0) along with
> Sir Surface Mount Dr. Todd (KB0HQU) will be appearing among the crowd at
> the MTT show at the Baltimore Convention Center Tuesday and Wednesday
> June 9 and 10.
>
> All are welcome to break bread and sip ale with us Tuesday evening
> in the vicinity of Baltimore's Inner Harbor... Mark your calendars and
> get your tickets early. Alternatively, bring your QRP show and tell
> goodies and get addmitted free :-)
```

And yours truly is giving a paper at MTT-S on Thursday
afternoon. I'll see you there as well.

[illegible]

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
ORP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sat, 06 Jun 1998 07:13:10 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-l@Lehigh.EDU
Subject: [12457] QRP ARCI TAC contest
Message-ID: <3.0.5.32.19980606071310.00949d20@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy all,
Scott, K7ZEN, and I will be operating TAC from Saddle Mtn, 8,880 ft, about
20 miles NW of Flagstaff, AZ, using his call, K7ZEN, and running 1 watt.

72

Bruce, N7CEE

email: bog@flagstaff.az.us

Coconino ARC
Nodeop, ELDEN packet node
AZ ScQRPions
QRP ARCI #5883
Adventure Radio Society #344
"Minimal Means... Maximum Fun"

Date: Sat, 06 Jun 1998 07:20:15 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [12458] Re: NORCAL ZOMBIE Badges!
Message-ID: <3579501F.367@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave

> Folks, these will be more collectable than those Beanie Wotsits
> - make sure you come along and get one!

Thanks! Now I finally understand why the kids wanted to go to McDonalds last few weeks.

Can't wait to get mine.

--

73 de Jeff AC6KW
grudin@vdb.com

Private Practice : Companion Animals and Exotics
Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Sat, 06 Jun 1998 08:32:17 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [12459] Next Weekend--Perfect for a VHF Caper!
Message-ID: <199806061516.IAA19588@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Next weekend, ARS be be sponsoring "Top of the World," a bold experiment in VHF contesting for QRP types. Just grab your VHF radio and climb a tree, water tower or mountain.

Interested? Cruise over to The ARS Sojourner and check out the rules. You can there from here with this handy link: <http://www.natworld.com/ars>.

Russ Carpenter, AA7QU
ARS Contest Manager

Date: Sat, 6 Jun 1998 12:09:18 EDT
From: KF4EIB@aol.com
To: qrp-l@Lehigh.EDU
Subject: [12460] Hear Ye Hear Ye !!

Message-ID: <b2b8197.357969af@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Greetings to all in the land of QRP and Sirs of Knightlites,

Let it be known in all the kingdom of Ham Radio that Squire in Training,
Gordon KF4EIB has proven his self worthy in combat with the steely eyed VE
Team. On this day (D-Day Remembered) I set forth with courage(?) to face the
5 WPM

Black Knight. A VICTORY was mine this day, I shall fly the bands in search of
QSL conquests. Field Day will be a feast for the brave of QRP (BBQ wouldn't
hurt either), proclaim to all with this grand notification of FCC merit....a
new warrior has arrived upon the field of HF !

72 / 73,
Gordon kf4eib
Fists # 4336
Knightlite..... Squire in Training

Date: Sat, 6 Jun 1998 16:21:59 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [12461] Dxpedition to look for QRPers
Message-ID: <19980606162159.CGOW12354@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Now here is a thought.... -s-

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

>Date: Sat, 6 Jun 1998 08:44:37 -0400
>Reply-To: k8ff@en.com
>Sender: owner-qrp-l@Lehigh.EDU
>From: "Wayne Smith" <k8ff@en.com>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Dxpedition to look for QRPers
>X-To: <qrp-l@Lehigh.EDU>
>X-MSMail-Priority: Normal
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>
>Cleveland, Ohio June 6,1998 AM-----Two local DXers John K8YSE and Bill
>W8JGU left today for a two week DXpedition to the South Pacific. Their
>destinations are the two most recent additions to the DXCC countries list.

>They will operate from the Austral Islands beginning approximately June 9
>and the following week from the Marquesas as well as a brief stop at
>Tahiti.

> The goal of this operation is to provide both CW and RTTY contacts that
>were lacking in earlier operations. They have also indicated an interest
>in looking for QRP stations and will venture to standard QRP frequencies
>when time permits.

> The equipment is first class and includes YAESU FT-900 transceivers,
>Force-12, Hexbeam, various wire antennas, Rtty/computer equipment and
>NORCAL/K8FF paddles. The operation will be from 40 thru 10 meters
>including the WARC bands.

> John and Bill should provide some exciting contacts for QRPers over
>the next couple of weeks. All QSL's via K8OU

> See you in the pileups! 72 de Wayne, K8FF

>
>

Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QCWA; ACRI# 9253; QRP-L#574;
NEQRP# 511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Sat, 6 Jun 1998 12:46:52 -0400
From: Tracy@bytemark.com (Tracy)
To: "'b2bn@hotmail.com'" <b2bn@hotmail.com>, "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [12462] RE: newbie needs elmer
Message-ID: <01BD9149.ED975540.tracy@bytemark.com>

I don't get to the list immediately every day ...

Perfboard, as I'm sure a thousand people have told you already, is simply a way
to hold all the parts together. You solder the leads together under the board.
I think it's a real mess

I personally like the "Dead Bug" or "ugly" or "Ground Plane" method. You take a
piece of copper board (PC Board that's un-etched ...) and mount your components
to it directly, (upside down...) with the ungrounded leads connecting in 'mid
air' above the grounded plane. Done properly, this is actually a superior
method of constructing RF equipment because it has an excellent ground for the
circuit to work against.

If you find you need toroidal cores in your project, we supply them. Find us at
<http://www.bytemark.com/amidon>

Hope that helps!

Tracy Markham, N4LGH
ByteMark / Amidon
Tracy@bytemark.com
800 679-3184

Date: Sat, 6 Jun 1998 11:48:01 -0500 (CDT)
From: Dale Botkin <dbotkin@probe.net>
To: qrp-l@Lehigh.EDU
Subject: [12463] Copper clad board
Message-ID: <Pine.BSI.3.96.980606114043.13874C-100000@elwood.probe.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Jun 1998, Tracy wrote:

```
8< snip...
> I personally like the "Dead Bug" or "ugly" or "Ground Plane" method. You
> take a piece of copper board (PC Board that's un-etched ...) and mount
> your components to it directly, (upside down...) with the ungrounded
> leads connecting in 'mid air' above the grounded plane. Done properly,
> this is actually a superior method of constructing RF equipment because
> it has an excellent ground for the circuit to work against.
8< snip...
```

And speaking of copper clad board... I am cleaning out my old office in the process of closing down my computer/Internet business. One of the things I have is a couple of boxes of odds-n-ends scraps of single- and double-sided copper clad fiberglass board. There's probably 20# or more altogether. Sizes range from maybe 2x3" to maybe 4x6 or so. I'd hate to toss the stuff, but I don't need this much, I'd never use it in a jillion years. If anyone wants some, email me privately. I'm not looking to make a buck, just get the postage covered... SO... if you need some and are having trouble finding it, let me know and it's yours for postage.

72.

Dale

Dale Botkin, n0xas
Omaha, NE
Email: dbotkin@probe.net

"You can't expect to wield supreme executive power just because some watery tart threw a sword at you!"

-- Monty Python & the Holy Grail

Date: Sat, 06 Jun 1998 11:50:03 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: Leon Heller <leon@lfheller.demon.co.uk>, <cnse97@lmpsil02.comm.mot.com>, <hugo@banet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12464] Re: Mystery Toroid?
Message-ID: <3.0.1.32.19980606115003.006ce410@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The toroids are no longer a total mystery thanks to your collective suggestions.

I had the best results with the baluns, especially the 4 to 1 versions. Baluns for 1 to 1 are harder because they require the characteristic impedance being matched. The wire I have is about 100 ohms. I used a quadrifilar winding and hooked them in parallel to get near 50 ohms.

Transformers in any turns ratio like 1 to 1 or 5 to 7 (1 to 2 Z ratio) didn't seem to work well. I haven't yet figured out why except the impedances aren't matching the way I think.

My results provided almost no reflected power at 1.8 MHz and an SWR of 1.1:1 at 50 MHz with the 4:1 and the same but 1.2:1 at 50 MHz with the 1:1 balun. In both cases the reflected power didn't start showing up until about 21 MHz.

So I'd say these are pretty good cores so far. Among other things I don't know is efficiency. I was using wire with PVC insulation and that is 4 times more lossy than polyethylene.

Thanks again for the suggestions.

72/73 -- Chuck, W5USJ, EM22cv

Date: Sat, 6 Jun 1998 12:03:27 -0500
From: "Rud Merriam" <rmerriam@csi.com>
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>
Subject: [12465] Re: [50MHz] QSY Protocols

Message-ID: <199806061708.NAA09187@hil-img-ims-4.compuserve.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I'm also new with a tech license. I got on 6 so I could talk to hams beyond my local area. Not just info exchanges but QSOs. So obviously I'm one who would frustrate you when you are hunting grids. [But you probably can get my EL29 grid real easy.] Theoretically I wouldn't mind you calling 'break'. Practically I think it would end up with a pile up in the middle of the my QSO - if I ever have one. So while you may be frustrated with a long QSO the guys in aren't. We all have to share the bands doing what each wants.

I'll work grids, also, when there is a contest or the general activity is grid hunting.

Rud Merriam KD5DTV
rmerriam@csi.com

> From: Ralph G. Sbragia <sbragiar@deltanet.com>
> To: 50mhz@qth.net
> Subject: [50MHz] QSY Protocols
> Date: Friday, June 05, 1998 1:30 AM
>
<snip>

> Also, maybe because I am new at this, but I treat every opening like a
> precious event that will disappear in just moments and try to make my
> contacts short and sweet, exchanging the minimum of information (Call,
grid,
> name) so as to allow other stations from the area have a chance too. Yet
> more than once this last weekend, dx stations would start rag chewing
with
> each other during an opening (on .125 and others) while stations like
myself
> sit there waiting for the QSO to complete and praying the opening doesn't
go
> away. Is it appropriate for me to request a break to quickly exchange
info?
> Am I wrong for expecting that 6M opening should be handled like DX
pile-ups,
> and station contacts should be made swiftly and efficiently to allows
others
> to partake?
>
> Any words of wisdom would be appreciated.
>

> 73 to all,
>
> Ralph G. Sbragia, ASP, CHST
> Board Certified Associate Safety Professional
> KD6FYT, DM13
> Member Orange County Ca. RACES
> sbragiar@deltanet.com
>
>
> ----
> Submissions: 50mhz@qth.net
>

Date: Sat, 6 Jun 1998 13:11:04 EDT
From: DENNISMO@aol.com
To: KF4EIB@aol.com, qrp-l@Lehigh.EDU
Subject: [12466] Re: Hear Ye Hear Ye !!
Message-ID: <cbfcaf7.35797829@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Gordon -

Congratulations sire, Thou art now truly worthy to call thyself a knight =
of=0Athe Ham table. Make us all proud and take thyself to realms where t=
he brave=0Adare not go and smit thy microphone with one mighty and swift =
thrust into=0Aeternity. Fly thy colours high and take with thee not anyt=
hing more than than=0Afive kilowatts. For thy have been knighted for suc=
h daring do, I implore you=0Ato remember - "Real Knights Don't KiloWatt"

So go with God's Speed and may he always Bless thee beyond thy wildest=
=0Adreams!

Farewell es 72's Good Knight..

73's es 72's de Denny

Denny / AD6EZ
Promise Keeper
FISTS # 4570 / QRP-L # 1359
10-X # 69158 / ARCI # 9637 / Six Club # 242

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara

Long: 34.437 N Lat: 119.868 W=A0=A0=A0

Grid: DM04BK

Date: Sat, 6 Jun 1998 13:27:41 -0400
From: "Alan Slusher" <aslusher@erols.com>
To: <DENNISM0@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [12467] Re: Hear Ye Hear Ye !!
Message-ID: <000c01bd9170\$6afef3a0\$6226accf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Denny:

I couldn't resist this:

Is this a genuine error, or dost thou secretly hanker after the 22kw reported of some of our cousins who mobile on 11 meters with specially equipped trucks? I even note the bit of hesitation before you managed to state the power level...

<<snip>>

Fly thy colours high and take with thee not anything more than than five kilowatts. For thy have been knighted for such daring do <<snip>>

The QRP-L is a great resource, and I sincerely thank you guys for keeping it alive, and for making it something to look forward to every day.

Cheers, and have a great weekend.

Alan W3/ V31FA
Rockville, MD

Date: Sat, 6 Jun 1998 13:58:07 EDT

From: MNHopkins@aol.com
To: qrp-l@Lehigh.EDU
Subject: [12468] Dallas HamCom scene
Message-ID: <cc027d2.35798330@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

There was a line at the QRP table this morning at the Dallas/Fort Worth HamCom and most of the people would not even recognize Doug Handricks. The passers by were fondling Herring Aid Five boards and fainting at Sierra prices as five QRPers were kept busy answering questions. But an hour before the QRP forum, which reads like a paid ad for vendors, this sad fact was noted for Roy Gregson:

A table of used equipment offered an Emtech for \$120 and a Ten-Tec for \$130. Earlier a PM-3 Ten Tec went in the \$50-60 range and an Argonaut 509 with three associated boxes, offered at \$275 Friday, was gone. Ramsey TXs and RXs abounded in the \$20 to \$30 range with a 30M Tx bought for \$5 and an unfinished Tejas Technology Backpacker I with case changed hands at \$15. Regeerative RXs did not rule -- a working \$70 MFJ world receiver stayed out at \$20 asked and a Ten-Tec 4 bander languished.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Sat, 6 Jun 1998 14:14:14 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [12469] FW: Feeding Beam with balanced feedline??
Message-ID: <01BD9155.BADC7660.tracy@bytemark.com>

-----Original Message-----
From: Tracy [SMTP:tracy@orlando.com]
Sent: Saturday, June 06, 1998 1:10 PM
To: 'LAGESON@worldnet.att.net'
Subject: RE: Feeding Beam with balanced feedline??

>From what I understand, if the feedline is cut to the proper length, the radio

'sees' the load at the impedance presented at either end of the line.

I have customers that use the W2FMI BALUNs for things such as this. What is the feedpoint impedance of the beam??? If it is say, 200 ohms, then use a 1:4 BALUN to match from 50 to 200 ohms, and run the open wire feeder to the antenna.

The caveat here is that if the characteristic impedance of the feedline is different than the impedance of the drive and the load, it must be cut to a multiple of (I think) a quarter wavelength at the operating frequency. This can get hairy with multi-band operation, but I think there are a few lengths that will work for several bands.

I don't know how that will work for operation on bands other than what the beam was made for. I just know a few guys who did it and claim excellent results.

Tracy, N4LGH #1453

-----Original Message-----

From: Lageson's [SMTP:LAGESON@worldnet.att.net]
Sent: Friday, June 05, 1998 7:13 PM
To: Low Power Amateur Radio Discussion
Subject: Feeding Beam with balanced feedline??

When I put up my 3 element tri-band beam I made a promise to my wife that all the wire antennas would come down. Great antenna but I miss the WARC bands. I've been surprised how well I can load it with a tuner on 12, 17 and especially 30 meters with good results. I have read an article where someone used twinlead with a quad and was able to use it on all bands. My beam is a old TA-33 (I believe, the seller was not sure) and the driven element is center fed like a dipole. What would happen if I replaced the coax with 300 or 450 ohm twinlead and a tuner?

Thanks

Date: Tue, 02 Jun 1998 16:43:40 -0600
From: Armstrongs <barmstrong@mail.SISNA.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [12470] Report on Grand Canyon Expedition
Message-ID: <1.5.4.32.19980602224340.006b5144@mail.SISNA.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My trip to North Rim Grand Canyon on June 5 was a whirlwind affair with several other adults (using the term loosely in my case) and 4 teenaged boys.

We hiked down the North Kaibab trail past Roaring Springs, which is an incredibly beautiful oasis of cascading waterfalls almost 6000 feet below the canyon rim. I found a place where the canyon opens up a bit and threw an antenna into the stubby trees. My teenaged companions got bored and set off up the trail like a shot leaving me to operate alone. I was on a little earlier in the day than I anticipated - about 17:15 to 17:50 GMT - and then had to work like crazy to catch up with my group. Band conditions were not optimal and signals were weak. Checking propagation, it appears that there was bad D layer absorption. I heard K7FJ, VE1CHS and K7UC but couldn't work them. I worked NC7W, N70G, K6RPN, and W0YSE. I am convinced it is possible to get a QRP signal out of the gopher hole - if conditions are good!

Later in the day I put an antenna right on the rim at Cape Royal. My dipole was 10 feet high in a scrubby pinyon pine, but overlooked a 2000 foot drop. This time the propagation and location were better and the signals were great! I operated for about 30 minutes. I was visited by 10 or 15 park visitors, a Park Ranger, and 400,000 mosquitoes who drained at least two units of blood while I was trying to copy CW. I worked N70G (who was waiting for me), W3KKV, and K07X. I also had a great chat with KD7S who was operating QRP portable in the California mountains.

Rig: SST40 at about 1.5 watts, AA battery pack, Whiterook keyer, dipole antenna.

Thanks to everyone who participated!!

de N7XJ

Date: Sat, 6 Jun 1998 14:56:01 EDT
From: DENNISMO@aol.com
To: aslusher@erols.com, qrp-1@Lehigh.EDU
Subject: [12471] Re: Hear Ye Hear Ye !!
Message-ID: <c17a73cd.357990c3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi Alan -

You wrote:

<Is this a genuine error, or dost thou secretly hanker after the 22kw reported of some of our cousins who mobile on 11 meters with specially equipped trucks? I even note the bit of hesitation before you managed to state the power level... >

No to all of the above. I was just inspired by, and wished to join in, our brother Gordon's merriment of his fine and noble accomplishment. The 5-watt comment was for all of the great guys on this list who so proudly defend this (QRP) corner of the Ham Radio world. I have been a member of this list of about 6 months and I not only have learned a tremendous amount about our fine hobby from these folks but I have come to appreciate these guy's and gal's fine tuned skills in working the word on the same amount of power that it takes to light up one single Christmas Tree light bulb! Wow, that is still like magic to me. In fact, this very day I will be mailing out an order for my very first QRP kit, a mini-key paddle/keyer and Small Wonder Labs Freq-Mite counter.

I have only been a ham for about 9 months and have yet to develop any negative feeling or opinions toward any of our bretheren with the possible exception of those few on SSB that claim and stakeout a particular frequency as their very own and blast (kilowatt) anyone that may be using it or wishing to use. But other than that I harbor no ill feeling towards any ham or CBer. As far as my comments being a "genuine error" I must confess to ignorance here. I have no idea what you mean. I don't believe I made a mistake in my previous posting other than perhaps in spelling. It was all meant in serious fun. I truly meant to congratulate Gordon KF4BIE on his upgrade.

BTW, I think it is FB that there are kilowatters out there on SSB - imagine what it would be like if all 700,000 US hams were CW QRPers...(:8?<)=

So with that said, let the fun begin and be warned fellow QRPers once I get my hands on that kit I'm sure I will be asking a bunch of questions until I get that puppy on the air. hi hi

Thanks again to everyone for all your kind and generous help and patience with newbies like me. God Bless ya all..

73's es 72's de Denny

Denny / AD6EZ

Promise Keeper

FISTS # 4570 / QRP-L # 1359

10-X # 69158 / ARCI # 9637 / Six Club # 242

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara

Long: 34.437 N Lat: 119.868 W=A0=A0=A0

Grid: DM04BK

Date: Sat, 06 Jun 1998 15:18:21 -0400
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: russ@natworld.com
Subject: [12472] Re: Next Weekend--Perfect for a VHF Caper!
Message-ID: <357995FD.82433A52@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Russ Carpenter wrote:

>
> Next weekend, ARS will be sponsoring "Top of the World,"

QRP "6ers", I'll be TDY Mountain View, CA, for this one.

Any suggestions where I could drive & walk to a good
high spot within an hour or so of Mountain View ?? TIA

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

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Date: Sat, 6 Jun 1998 14:27:38 -0500
From: "V.C. Angell" <angell@northernnet.com>
To: qrp-1@Lehigh.EDU
Subject: [12473] Requested posting
Message-ID: <103120602b19f47a223d9@[205.198.127.140]>
Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I found a number of requests to repost my review of the Oak Hills Research's OHR100A in my e-mail this week. The full text is below or you can find it on my commerical web site >>
<http://www.jewelry-magick.com/ohr100a.html>

Review of Oak Hills Research's OHR100A

I wanted a 30 meter QRP kit and after looking at several kits I chose the Oak Hills kit. My first impressions of the kit were excellent. It comes with a heavy duty PC board that is silk screened and masked with plated through holes. The layout is not crowded making assembly a breeze. I used a 20 year old Weller soldering station with a small tip. I should say that I am not the usual kit builder. I designed and built equipment electronic equipment for almost 30 years before leaving the field.

There was one missing transistor that an e-mail message brought through the mail even before I needed it in the assembly. There was also an extra hardware kit I return to Oak Hills. The only other problem I had checking the parts were the 100k resistors that last yellow band blended in so well with the color of the body of the resistor I never did see it and had to resort to the ohm meter, but that is the resistor manufacture's poor choice of body color and not Oak Hills' fault. I was impressed by the fact they package items that might be confused separately. They did with caps that were N150, N330, and so on. It very nice touch to the kit. These kits are for the 80, 40, and 30 meter bands, so there was a little bag with the components needed to make my kit into a 30 meter rig -- that made for a bit of worry and more about that later.

Stuffing the board went quickly. I enjoyed the building so much I went slowly, but I would expect you could complete the kit in a weekend or two at most. I had to steal time from a growing business which also slowed me down.

There seemed to be a missing resistor, R107. It proved to be in the 30 meter package of parts. I had expected caps and coils to be part of the band package kit but not a resistor -- my fault and not Oak Hills.

Anyway all this is to say when you build yours, don't panic when you come up with an empty hole for a resistor on the the board.

There are nine toroid coils to wind, but the most turns on any coil is only 26 turns. This means the coils are no real chore. The wire used is some on which the insulation melts away as you tin the wire, so there is no sandpapering the enamel off the wire.

A very nice touch is all the controls are wired to the PC board through six Molex connectors. It means you can remove the PC board by pulling off the connectors, unsoldering the one wire to the antenna and removing

the four screws that hold the board in place.

Other touches I liked were the detent on the RIT pot, the large precision pot used for tuning control, and the good overall quality of the cabinet.

The kit passed the smoke test and worked the first time I turned it on. It requires alignment. You need a frequency counter, a digital voltmeter, dummy load, QRP wattmeter, and a transceiver with 30 meter coverage.

Off the cuff alignment

All I had that met the above conditions was a Radio Shack digital voltmeter, but I was able to get it "almost" aligned. I used a general coverage receiver to get the VFO on frequency. It would have been a lot easier with a frequency counter. Peaking the various caps went well with my DVM. I didn't have a means of setting the BFO to the correct side of the zero beat, until I tried using one of the digital stations on 30m. It went well. My antenna tuner has sort of a wattmeter and dummy load in it -- it has trouble reading power levels as low as 5 watts -- and I used it to set the power levels. I would think you could also set the power levels by monitoring the current flow during transmit into a dummy load. You could set the output level to 700 ma and be sure you were in the safe power limits. One alignment procedure I could never figure a way to do was the transmit offset. All said and done the rig has produced many contacts with good signal reports even with this crude off the cuff alignment technique. There were even a few DX contacts, but this morning I put the rig in the mail along with \$45 for Oak Hills Research to do a professional alignment job. It was working so well for me I almost didn't bother, but I had never used the needed finger nail polish/coil dope on the VFO coil to hold the turns in place. You could get frequency jumps if you tapped the case, and I want to throw it in my luggage and keep the dial accurate.

I recommend this rig. It tunes smoothly. There are no thumps or clicks as you key it. The bandwidth adjustment on the crystal filter is smooth and the loss does not seem large to my ears. It drives an external speaker to more volume than I would ever want with good quality sound. You can also get a digital display for it, but I plan to travel with it and a power supply and the rig are all I would want to carry in addition to my Heathkit HFT-9A antenna tuner.

Good luck with yours!

72,

"VC" KC=D8EM

Date: Sat, 06 Jun 1998 11:53:42 -0800
From: "Jim Larsen (AL7FS)" <larsennc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [12474] AL7FS TAC
Message-ID: <35799E45.79DCF0C6@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Only one station on 20 meters. KB7MBI. So I am IN THE CONTEST!!! I worked him just fine.

N4BP is there at 119 RST. No other stations are being heard at this time with the beam at 40 feet. I can't hear any beacons on 14.100.

Heading for the QCWA picnic now so will probably miss the rest of the action....

73, Jim, AL7FS

Date: Sat, 6 Jun 1998 14:07:08 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Subject: [12475] Morse Express
Message-ID: <199806062005.0AA02554@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR IMMEDIATE RELEASE

Morse Express, a Division
of Milestone Technologies, Inc.

Milestone Technologies Inc. has announced the creation of a new division, Morse Express, to focus on Morse telegraphy equipment and CW operating aids. The Morse Express division will consolidate all such products and services from the parent organization, and will be headed up by Marshall Emm, N1FN. Marshall says that the reorganization will allow for a better focus on the "key" functions of the business and allow for expansion of the Morse related product and service lines.

The name Morse Express was chosen because Milestone already has a

reputation for good, fast service in areas where supply has been difficult.

The Morse Express product lineup includes keys, paddles, and bugs from four manufacturers, and three of those lines are imported direct from overseas. Other products include electronic keyers and the Codemaster V Morse training system.

Marshall said "it will take some time to untangle the Morse business from the parent organization, but a new home page has been created on the World Wide Web as <http://www.MorseX.com> and we're working very hard to establish the new entity. Our plans for Morse Express include expansion of existing product lines, development of new ones, and in-house manufacture of Morse operating accessories."

For further information about Morse Express, contact Marshall on (303)752-3382 or write to him at Morse Express, 3140 S. Peoria St. Unit K-156, Aurora CO 80014-3155.

E-mail can be addressed to Marshall at n1fn@MorseX.com. The Morse Express site on the World Wide Web offers secure on-line ordering, and the URL is <http://www.MorseX.com>. The Morse Express site can also be reached through <http://www.mtechnologies.com>.

73

Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, keys, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382

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Date: Sat, 06 Jun 1998 13:30:45 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [12476] NorCal's June Meeting Announcement
Message-ID: <2.2.32.19980606203045.006cf064@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers, the June meeting of the NorCal QRP Club will be held as usual Sunday June 7th at the California Burger Restaurant, located off the Santa Rita Exit of I580 West

of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center. The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,

Doug, KI6DS

Date: Sat, 06 Jun 1998 13:34:12 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [12477] The NorCal Toon (Zombie) Contest!

Message-ID: <2.2.32.19980606203412.0076ee84@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a GREAT idea! A cartoon of the NorCal Zombie.

I am getting ready to do another run of shirts and not being
a cartoonist I am launching the "NorCal Toon Contest"

Here is the deal:

1. You or your friends draw up the "NorCal Zombie" and submit it
to me. I can take your entry over the internet as an email
attachment or by snail mail.
2. Submissions must be in my hands by midnight June 31st.
3. Judgeing will be done by "Real NorCal Zombies" at the
July NorCal Meeting.
4. Immediately I will announce the winners on the Internet and try
sneak it into QRPP making the winners instant celebrities

Prizes:

1st Place

Instant Fame, another NorCal Legend and I will throw in an
Official "NorCal T Shirt".

2nd and 3rd Place

NorCal T Shirts

Submissions to:

jparker@fix.net

or

Jerry Parker WA6OWR
426 Tanglewood Ct.
Paso Robles, Ca., 93446

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Sat, 06 Jun 1998 16:42:38 -0400
From: Phil Rutledge <rut@mcrut.mv.com>
To: qrp-l@Lehigh.EDU
Subject: [12478] FS: LDG QRP Auto-Tuner
Message-ID: <199806062044.QAA12350@mercury.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Since I no longer have a multi-band QRP rig I'd like to sell my LDG QRP autotuner. It works like a champ (better than its big brother in fact) and is in excellent condition. It's a later one, so it has the latest "mods" as advertised by LDG. Sells new for \$166.00 delvd., and I'll part with this one for \$125.00 shipped CONUS.

Thanks/73-- Phil (K1HS)

=====
Phil Rutledge--K1HS-- <rut@mcrut.mv.com>
ARCI# 9265=Norcal#1797=QRP-L#820=CQC#385=FISTS# 3317
=====

Date: Sat, 6 Jun 1998 15:54:01 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [12479] High Gang
Message-ID: <199806062054.PAA00822@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'ze Back....
they did the bypass on tuesday morning and turned me loose on the public at noon today... saturday :-)
Got home to find my "gonna take down antenna tree" came down on it's own and caused quite a mess... a neighbor picked up the ball and has coordinated people and insurance companies for me so that almost all of it it taken care of now... what a decent neighbor!!!!
No antennas up yet but got sum ideas as soon at the ribs, chest, and

assorted areas stop hurting enough where I can get things back into the air..

The good news is that I am alive, healthy, and back home.. Thanks to all who sent well wishes and Bill... K1nit... Not to mention Bill by call :-)... antaganoze away my man, I sure miss ur efforts at being a bad guy... :-) joel

God Bless
Joel

| | |
|---------------------|---|
| WA5CVM | Gentlemen don't Cry, They QSY :-) |
| Joel Denison | Gentle Lady (RC Sail Plane)(049 engine - start) |
| PO BOX 542 | 2 element yagi on 40mtr |
| Strong, Maine 04983 | QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765 |
| jdenison@morelr.com | AK/QRP 109 |

Date: Sat, 6 Jun 1998 16:32:12 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [12480] Ham Comm
Message-ID: <199806062132.0AA29119@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Spent most of the day at Ham Com. Beautiful weather, really cool for Texas. Got to meet some of the Qrp and Qcwa folks. Picked up an original "Norcal Zombie " badge. Looked at a lot of qrp rigs. All in all, a good time was had by everyone.
Larry Ac5ez
Qcwa

Date: Sat, 06 Jun 1998 17:41:29 -0400 (EDT)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [12481] TAC Contest
Message-ID: <XFMail.980606174129.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Had a bunch of chores to do today, so just got on the TAC Contest for a little

bit. Made 6 qso's in about 30 minutes. Signals on 40 are super. N4BP is
pounding in on 20...and wonder of wonders, he heard me! Gave my little OHR400
and Vertical a 599, even! This contest is a "keeper." Next time, will allot
more time. Worked Ron, WB3AAL, anyway.

Maybe time for a couple more QSOs before XYL gets home....

Sent at 17:41:29 on 06-Jun-98

| | | |
|---------------------------------|---|---------------------------|
| | John L. Sielke | n4js@pobox.com |
| \ _ / _ _ | n4js@qsl.net | NJ Grid:FM29LN |
| . ' _ _ \ _ _ \ | http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884 | |
| _ \ _ _ \ _ _ / _ _ / | QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp | |
| NE-QRP #507 G-QRP #9544 | NorCal #1989 | QCWA FISTS #2781 ARS #243 |

End of QRP-L Digest 1114

